1) A small farm field is a square measuring 270 ft on a side. What is the perimeter of the field? If you double the length of each side of the field, what is the new perimeter?
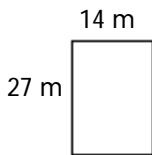
1) _____

2) What will it cost to buy ceiling molding to go around a rectangular room with length 19 ft and width 8 ft? The molding costs $2.11 per linear foot.

2) _____

3) Mel plans to fence his yard for his new puppy. The yard is a 54 ft by 112 ft rectangle. Fencing costs $15 per 10 ft section. What is the cost of the fence not including unused fencing?
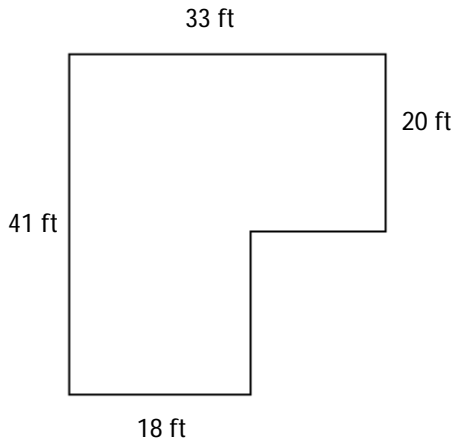
3) _____

4) Find the area of a rectangle measuring 4.5 yd by 11.83 yd.

4) _____

5) Find the area of a square measuring 32.5 m on a side.

5) _____

6)

6) _____

```
     14 m
    ┌──────┐
    │      │
27 m│      │
    │      │
    └──────┘
```

7) Christmas lights need to be hung around an L-shaped office building. Find the total length of the Christmas lights needed to hang them around the entire building.

7) _____

```
         33 ft
    ┌──────────────┐
    │              │
    │              │ 20 ft
    │              │
41 ft│         ┌────┘
    │         │
    │         │
    └─────────┘
       18 ft
```

8) Complement of 61°

8) _____

9) Complement of 36°

9) _____

10) Supplement of 29°

10) _____

11) Supplement of 101°

11) _____

1) 1080 ft, 2160 ft
2) $113.94
3) $498.00
4) 53.235 yd^2
5) 1056.25 m^2
6) 378 m^2
7) 148 ft
8) 29°
9) 54°
10) 151°
11) 79°